

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 6549

TITLE: PLANT MECHANIC I

GRADE: S-11-2

DEFINITION:

Under close supervision, performs semi-skilled mechanical and maintenance tasks in the maintenance and repair of specialized machinery in wastewater pumping stations, sewage treatment plants, and flow metering stations located throughout the County; and performs related work as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This class is the entry level for wastewater treatment plant mechanics. Unfamiliar work is performed under close supervision; routine duties, under general supervision. Tasks range from performing routine manual work to assisting journey-level mechanics in the more difficult and complex mechanical and technical duties involved in the maintenance and repair of plant equipment. An incumbent in this class receives on-the-job training for at least six months, during which he/she is expected to acquire the knowledge, skills and abilities of a journey-level Plant Mechanic II. When the incumbent demonstrates journey-level technical and mechanical skills in this specialty and the self-reliance needed to handle additional responsibility, he/she progresses noncompetitively to the Plant Mechanic II level.

ILLUSTRATIVE DUTIES:

Assists Plant Mechanics II and III in performing preventive and corrective mechanical maintenance, repair, rebuilding and overhauling of plant process machinery and equipment; Through observation of, assistance to, and acceptance of instruction from, more experienced Plant Mechanics, learns the mechanical and technical skills required of a Plant Mechanic II; Lubricates, inspects and services mechanical equipment in accordance with preventive maintenance schedule;
Assists in the maintenance of records on work required, work performed, materials used, etc.; Cleans and paints machinery and equipment;
Cleans shop area or work site;
Disposes of trash and debris.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

Ability to understand and follow oral and written instructions;
Ability to read, understand and follow manufacturers' service and repair manuals;
Ability to acquire the required mechanical and technical skills of a Plant Mechanic II, and to apply those skills to work problems;
Ability to keep records and write work-related reports;
Ability to use hand and power tools skillfully, efficiently and safely;
Dexterity necessary to perform all tasks;
Ability to distinguish colors of electrical wiring;

Ability to perform manual labor, including the ability to lift and carry objects weighing up to 50 pounds (either alone or with one or more co-workers) while moving or placing heavy motors or other water pollution control equipment being repaired or maintained;

Ability to perform work while stooping, bending, working in tiring and uncomfortable positions, or regularly working on a scaffold.

EMPLOYMENT STANDARDS:

Any combination of education, experience, and training equivalent to the following:

High school graduation or a G.E.D. issued by a state department of education; PLUS

Two years of work experience.

A maximum of two additional years of mechanically-oriented work experience may be substituted on a year-for-year basis to meet the basic educational requirements.

Documented evidence indicating satisfactory completion of a vocational training program in the mechanical trades may be substituted for one year of either educational or work experience requirements.

CERTIFICATES AND LICENSES REQUIRED:

Possession of a valid Motor Vehicle Driver's License is required for some positions in this class.

REVISED: October 12, 1995

REVISED: September 28, 1995